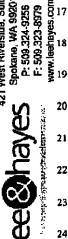# CLAIM AMENDMENTS

Claim Amendment Summary

Claims pending

- Before this Amendment: Claims 25-36; 66-68.

- After this Amendment: Claims 25-27, 29-36, 66, and 68.

Canceled or Withdrawn claims: 28 and 67.

Amended claims: 25, 29, 34, 66 and 68.

New claims: none.

Claims:

Claims 1-24 are CANCELED.

25. (CURRENTLY AMENDED) A method facilitating protection of digital signals, the method comprising:

partitioning a digital signal into segments by pseudorandomly segmenting the signal;

for one or more segments:

- calculating statistics of a segment that are representative of that segment;

- quantizing such statistics of a segment;

generating a marked signal ~~approximately~~ equivalent to a combination of the digital signal and the combination of the quantized statistics of the one or more segments.

26. (ORIGINAL)   A method as recited in claim 25 further comprising normalizing amplitude of a digital signal, wherein such signal is an original, unmarked signal.

27. (ORIGINAL)   A method as recited in claim 25 further comprising transforming the signal.

28. (CANCELED)

29. (CURRENTLY AMENDED)   A method as recited in claim 25, ~~wherein the partitioning comprises pseudorandomly segmenting the signal,~~ wherein such segments are adjacent and non-contiguous.

30. (ORIGINAL)   A method as recited in claim 25, wherein the statistics of the calculating comprises one or more finite order moments of a segment.

31. (ORIGINAL)   A method as recited in claim 25 further comprising determining a delta-sequence that is representative of the combination of the quantized statistics of the one or more segments.

32. (ORIGINAL) A method as recited in claim 25 further comprising determining a pseudorandom delta-sequence that when combined with the digital signal approximate a combination of the digital signal and the quantized statistics of the one or more segments.

33. (ORIGINAL) A method as recited in claim 25, wherein the generating comprises embedding a watermark via quantization index modulation (QIM).

34. (CURRENTLY AMENDED) A modulated signal embodied on one or more computer-readable media and generated in accordance with the acts recited in claim 25.

35. (ORIGINAL) A computer-readable medium having computer-executable instructions that, when executed by a computer, performs the method as recited in claim 25.

36. (ORIGINAL) A computer comprising one or more computer-readable media having computer-executable instructions that, when executed by the computer, perform the method as recited in claim 25.

Claims 37-65 are CANCELED.

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66. (CURRENTLY AMENDED) A system for facilitating the protection of digital signals, the system comprising:

a partitioner configured to segment a digital signal by pseudorandomly segmenting the digital signal;;

a segment-statistics calculator configured to calculate statistics of a segment that are representative of that segment;

a segment quantizer configured to quantize such statistics of a segment

a signal marker configured to generate a marked signal ~~approximately~~ equivalent to a combination of the digital signal and the combination of the quantized statistics of the one or more segments.

67. (CANCELED)

68. (CURRENTLY AMENDED) A system as recited in claim 66, ~~wherein the partitioner is further configured to pseudorandomly segment the signal,~~ wherein such segments are adjacent and non-contiguous.

Claims 69 and 70 are CANCELED.

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